

Converting Colors

Yxy(59.8377, 0.2913, 0.2948)

Have a look what the booklet for
Yxy(59.8377, 0.2913, 0.2948)
contains.

Yxy(59.8222, 0.2913, 0.2947)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8222, 0.2913, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	C8C9E7
RGB	200, 201, 231
RGB Percent	78%, 79%, 91%
CMY	0.2157, 0.2118, 0.0941
CMYK	0.13, 0.13, 0.00, 0.09
HSL	238°, 39%, 85%
HSV	238°, 13%, 91%
XYZ	59.1320, 59.8222, 84.0393
YIQ	204.1210, -10.2260, 9.1180

Conversions

Conversions Part 2

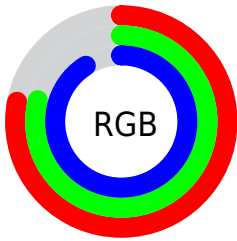
Format	Color
R _Y B	200, 201, 231
Decimal	13158887
CIE Lab	81.74, 5.54, -14.94
CIE LCh	82, 15.933, 290.348
Yxy	59.8222, 0.2913, 0.2947
Android (android.graphics.Color)	4291348967 (0xFFC8C9E7)
YUV	204.1210, 13.2513, -3.6141
Hunter-Lab	77.3448, 1.1142, -10.2804

Details

The Yxy color **59.8222, 0.2913, 0.2947** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7643, 0.3329, 0.3611**, and the grayscale version is **60.3857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0736, 0.2863, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **47.2032, 0.2730, 0.2653**, and if you desaturate by 10%, it is **74.4442, 0.3076, 0.3208**.

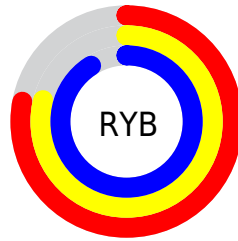
Distribution



Red (78%)

Green (79%)

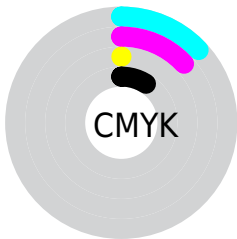
Blue (91%)



Red (78%)

Yellow (79%)

Blue (91%)

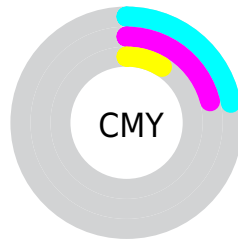


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (22%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8222, 0.2913, 0.2947 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 59.8222, 0.2913, 0.2947 by changing the saturation by 10% instead.

■ 59.8222, 0.2913,
0.2947

■ 59.8222, 0.2913,
0.2947

423.9421, 0.3016,
0.3109

■ 43.2753, 0.2889,
0.2909

104.5717, 0.2949,
0.3004

■ 30.1012, 0.2858,
0.2863

133.5431, 0.2963,
0.3026

■ 19.9154, 0.2818,
0.2803

167.4249, 0.2975,
0.3044

■ 12.3336, 0.2765,
0.2724

206.6013, 0.2986,
0.3061

■ 6.9713, 0.2691,
0.2614

251.4569, 0.2995,
0.3075

■ 3.4441, 0.2579,
0.2454

302.3759, 0.3003,

■ 1.3678, 0.2393,

0.3087

0.2198

359.7429, 0.3010,
0.3099

0.1928, 0.1774,
0.1074

0.0000, 0.0000,
0.0000

59.8222, 0.2913,
0.2947

59.8222, 0.2913,
0.2947

47.2032, 0.2730,
0.2653

74.4442, 0.3076,
0.3208

36.4928, 0.2530,
0.2329

91.1432, 0.3219,
0.3436

27.6006, 0.2319,
0.1984

98.5502, 0.3268,
0.3522

20.4255, 0.2106,
0.1635

■ 14.8568, 0.1906,
0.1304

■ 10.7707, 0.1735,
0.1017

■ 8.0255, 0.1608,
0.0799

■ 6.4520, 0.1531,
0.0662

■ 5.9311, 0.1504,
0.0615

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8222, 0.2779, 0.2981



59.8222, 0.2913, 0.2947



59.8222, 0.3107, 0.2999

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8222, 0.2913, 0.2947



59.8222, 0.3534, 0.3462



59.8222, 0.2939, 0.3465

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.8222, 0.2913, 0.2947



77.7643, 0.3329, 0.3611

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.8222, 0.3137, 0.3606



59.8222, 0.2913, 0.2947



59.8222, 0.3484, 0.3596

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8222, 0.2913, 0.2947



59.8222, 0.3471, 0.3289



59.8222, 0.3337, 0.3653



59.8222, 0.2794, 0.3276

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8222, 0.2913, 0.2947



59.8222, 0.3247, 0.3075



59.8222, 0.3337, 0.3653



59.8222, 0.3001, 0.3520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.8247, 0.2913, 0.2947



91.9784, 0.3067, 0.3194



75.1507, 0.2929, 0.3301



19.3744, 0.3055, 0.3175



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8247, 0.2913, 0.2947



70.4069, 0.2866, 0.2872



61.4498, 0.3018, 0.2946



13.9609, 0.2980, 0.3055



3.3588, 0.1506, 0.0621



0.2745, 0.1522, 0.0679

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.5198, 0.3366, 0.3280



74.3870, 0.3422, 0.3278



76.0106, 0.3225, 0.3632



14.3754, 0.3288, 0.3283



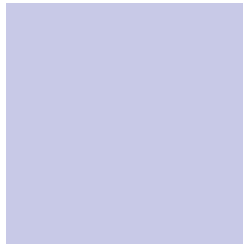
9.5368, 0.6365, 0.3280



0.7074, 0.6267, 0.3226

Previews

White Background



This preview shows how the Yxy color 59.8222, 0.2913, 0.2947 looks on a white background.

Color Contrast Check

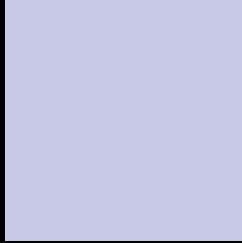
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 59.8222, 0.2913, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

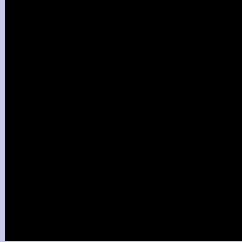
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8222, 0.2913, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 59.8222, 0.2913, 0.2947.



This preview shows how white text looks on a background with the Yxy color 59.8222, 0.2913, 0.2947.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.8222, 0.2913, 0.2947

Protanopia

60.0163, 0.2899, 0.2957

Deuteranopia

59.7697, 0.2971, 0.2909



Tritanopia

59.8321, 0.2979, 0.3103

Trichromacy



Original Color

59.8222, 0.2913, 0.2947

Protanomaly

60.1527, 0.2906, 0.2958

Deuteranomaly

59.7949, 0.2949, 0.2918

Tritanomaly

59.7109, 0.2959, 0.3047

Monochromacy



Original Color

59.8222, 0.2913, 0.2947

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2634, 0.3050, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8222, 0.2913, 0.2947 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 201, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 201, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 231) }
```

Border

The CSS property to change the border of an element to Yxy 59.8222, 0.2913, 0.2947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 201, 231) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(200, 201, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(200, 201, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8222, 0.2913, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
201, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor